

Initial Notification

Regulation 1138 – Section 10

Emission Standards for Area Source Plating and Polishing Operations

[1] **Name of the plating and polishing facility:** *Superior Plated Products, Inc*

[2] **Physical location:**
Street Address: *715 Grantham Lane*
City, State, Zip Code: *New Castle DE 19720*

Mailing Address, if different – Street or PO

Box:

City, State, Zip Code:

[3] **Name of Owner or Operator:** *Tom Majors*

Mailing Address: *715 Grantham Lane*

City, State, Zip Code *New Castle DE 19720*

[4] **Is the facility subject to Section 10 of Regulation 1138?**

Check appropriate box

Yes



No

[5] **Is the plating and polishing source a new, reconstructed or existing affected source?** Check applicable boxes

☐

New or reconstructed affected source

☒

Existing affected source

Provide the known or expected compliance date for the affected source: *July 1, 2010*

[6] **Identify the plating and polishing operation conducted in the affected source:** Check applicable boxes

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Non-cyanide electroplating operation

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Cyanide electroplating operation

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Flash or short-term electroplating operation

☐

Dry mechanical polishing operation

☐

Electroless plating operation

☐

Thermal spray operation

☐

Other non-electrolytic metal coating operation

[7] **Identify the plating and polishing metal HAPs used by or emitted from the affected source:** Check applicable boxes

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• Cadmium or its compounds

☐

• Chromium or its compounds

☐

• Lead compounds

☐

Manganese or its compounds

☒

Nickel or its compounds

[8] **Provide a brief description of the nature, size, design, and method of operation of the affected source and an identification of the types of emission points within the affected source.**

The nickel electroplating (nickel sulfate based) is conducted in an open-top (2ft x 3ft x 3ft) process tank. The only emission point is the process tank top, which is open to the plating room. Lauryl sulfate, a wetting agent, is added to the other tank bath chemicals per manufacturer's specifications.

[9] **Provide a brief description of the method used to comply with Section 10 of Regulation 1138 (e.g., use of wetting agents/fume suppressants, control system, tank cover, surface cover, restriction of operating time, pH control, and/or management practices) for the affected source.**

Lauryl sulfate is used as a wetting agent/fume suppressant.

[10] **The owner or operator must submit this initial notification to the following agencies. Remember to keep a copy of this notification.**

Delaware Department of Natural Resources
and Environmental Control
Administrator, Air Quality Management
156 S. State Street
Dover, DE 19901

U. S. Environmental Protection Agency
Director, Air Protection Division
1650 Arch Street
Philadelphia, PA 19103